



# **Section H**

## ***200 Area Remediation***

### **PROJECT MANAGERS**

P.M. Knollmeyer, RL  
(509) 376-7435

N.C. Boyter, FH  
(509) 373-3725

## INTRODUCTION

The 200 Area Remediation consists of Central Plateau Facility (CPF) Transition, CPF Project Management and Support, the Equipment Disposition Project, and Central Plateau Waste Site S&M, Project Baseline Summary (PBS) RL-CP01, Work Breakdown Structure (WBS) 3.3.1.6, 3.3.1.8, 3.3.1.9, and 3.3.1.13.

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of October 31, 2001. All other information is as of November 23, 2001.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that one milestone is on schedule.

## NOTABLE ACCOMPLISHMENTS

**Accelerated Deactivation Project** — The non-destructive assay (NDA) results for 224-T D Cell found less than .5 grams of plutonium hold-up in the tanks. The required annual aerosol challenge tests on 209-E exhaust filters and the annual stack flow tests and stack sampling were completed, and the filter changes in the Criticality Assembly Room and Mix rooms at the facility were completed. The Review of Master Document Safety Analysis facility specific sections for the PUREX Tunnels and 209-E were completed.

**Equipment Disposition Project** — Waste characterization was performed on three flat cars in preparation for shipment to the Low Level Burial Grounds (LLBG). In addition, the project is developing a waste disposal path forward for K Basins, Spent Nuclear Fuel (SNF) ion exchange columns, and an SNF drag off box at T Plant.

## BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

### Breakthroughs

Nothing to report.

### Opportunities for Improvement

**Conduct of Operations Improvement Initiative** - RCP has initiated a Conduct of Operations Improvement Plan to improve organizational performance, and to create a culture change regarding effective implementation of Conduct of Operations principles. The RCP has completed the first three months of the Conduct of Operations Improvement Plan. Each facility and participating organization has spent time reviewing its Conduct of Operations Matrix, identifying areas of improvement and communicating results to the staff. The project director will provide a summary review of progress to the RCP Vice President at the two-, four-, and six-month milestones. The four-month status meeting is planned for December 6, 2001.

## UPCOMING ACTIVITIES

**224-T Phase I Characterization** — Complete Phase I characterization on the remaining five cells at 224-T by December 31, 2001.

**Tall Well Cars** — The second of four tall well cars will be shipped to Memphis, TN during the first quarter of 2002.

**Roof Installation** — Complete installation of roofs on B Plant and PUREX by September 30, 2002.

## Milestone Achievement FH Contract Milestones

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
TRP-38-803	Complete Install of New Roofs on PUREX & B Plant	PI	9/30/02		9/30/02	Activities are on schedule

## PERFORMANCE OBJECTIVES

### Outcomes

### Performance Indicator

### Status

Transition Central  
Plateau to support  
long-term waste

#### FHI-M3 – 200 Area Facility Disposition

Measure 1: Disposition Surplus Buildings and Rolling Stock

Expectation 1:

Base: Decontaminate & Decommission (D&D) 233-S & 233-SA Facilities by September 30, 2004.

Stretch: D&D 233-S & 233-SA by June 30, 2004.

Expectation 2: Complete installation of new roofs on PUREX & B Plant by September 30, 2002.

Expectation 3:

Base: Disposition contaminated railcars by June 30, 2006.

Stretch: Disposition contaminated railcars by August 31, 2005.

Super stretch: Disposition contaminated railcars and heavy equipment by September 30, 2003.

Work will be initiated July 1, 2002.

Work will be initiated July 1, 2002.

Work will be initiated February 1, 2002.

Waste characterization is being performed in support of the planned October shipment of the second and third of four tall well cars from Hanford to Memphis, TN.  
Nothing to report.

Two pieces of regulated heavy equipment have been surveyed and will be released for beneficial reuse. Two additional pieces are in process.

## FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

		FISCAL YEAR TO DATE							
Sub-Project		BCWS	BCWP	ACWP	SV	%	CV	%	BAC
PBS CP01 WBS 3.3.1.5	Central Plateau Facility S&M	174	95	124	(79)	-45%	(29)	-30%	6,378
PBS CP01 WBS 3.3.1.6	Central Plateau Facility Transition	0	0	3	0	0%	(3)	0%	0
PBS CP01 WBS 3.3.1.7	Central Plateau Facility D&D	0	0	0	0	0%	0	0%	1,585
PBS CP01 WBS 3.3.1.8	Central Plateau Project Management	186	188	102	2	1%	86	46%	2,469
PBS CP01 WBS 3.3.1.9	Equipment Disposition Project	123	577	(138)	454	370%	715	124%	5,199
<b>Total River Corridor Project</b>		<b>483</b>	<b>860</b>	<b>90</b>	<b>377</b>	<b>78%</b>	<b>769</b>	<b>89%</b>	<b>15,630</b>

## FY TO DATE SCHEDULE / COST PERFORMANCE

The favorable schedule variance of \$0.4M (78 percent) was primarily due to Equipment Disposition Project work scope being ahead of schedule. The favorable cost variance of \$0.8M (89 percent) was primarily due to fiscal year startup anomalies, i.e. FY01 accrual reversals.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

### Schedule Variance Analysis: (+\$0.4M)

#### Central Plateau Facility S&M — 3.3.1.5/CP01

**Description and Cause:** The unfavorable schedule variance was due to a request from the Washington State Department of Health for a Notice of Construction delaying Phase I of the 224-T characterization work scope.

**Impact:** No Impact.

**Corrective Action:** No corrective action required, Phase I characterization activities are underway.

#### Equipment Disposition Project — 3.3.1.9/CP01

**Description and Cause:** The favorable schedule variance was due to heavy equipment, flatcar and cask car work scope being ahead of schedule.

**Impact:** No Impact.

**Corrective Action:** No corrective action required.

All other schedule variances are within established thresholds.

## Cost Variance Analysis: (+\$0.8M)

### Central Plateau Facility S&M — 3.3.1.5/CP01

**Description and Cause:** The unfavorable cost variance was due to costs related to the NOC-required additional conditions and limitations, which has cascaded into additional fieldwork being performed.

**Impact:** No Impact.

**Corrective Action:** No corrective action required.

### Central Plateau Project Management — 3.3.1.8/CP01

**Description and Cause:** The favorable cost variance was due to labor underruns as a result of staff performing other priority work scope.

**Impact:** No Impact.

**Corrective Action:** No corrective action required.

### Equipment Disposition Project — 3.3.1.9/CP01

**Description and Cause:** The favorable cost variance was primarily due to fiscal year startup anomalies, i.e. FY01 accrual reversals.

**Impact:** No Impact.

**Corrective Action:** No corrective action required.

All other cost variances are within established thresholds.

## ISSUES

### Technical, Regulatory, External, and DOE Issues and DOE Requests

**Issue:** None at this time.

**Impacts:** None at this time.

**Corrective Action:** None at this time.

## BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

BCR No. Level 4 WBS	Date Originated	Description	Impact		Date Approved	Status
			Days	Dollars (\$000s)		
RCP-2002-001	5/24/01	Transfer of PNNL Facilities to Fluor Hanford		\$0	11/28/01	FH Approval Threshold
RCP-2002-005	11/19/01	PBS RL-CP01 Life Cycle Reductions & Assumptions		\$0		FH CCB 12/03/01